

TOP SECRET

PHOTOGRAPHIC INTERPRETATION REPORT



**TALLINN AMM/SAM
LAUNCH COMPLEX
USSR**

**CHANGES AND ADDITIONS
OCTOBER 1965**

NOVEMBER 1965

COPY 1

12 PAGES

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TALLINN AMM/SAM LAUNCH COMPLEX, USSR CHANGES AND ADDITIONS OCTOBER 1965

The Tallinn AMM/SAM Launch Complex, under construction at 59-24-25N 24-19-30E (Figure 1), 13 nautical miles (nm) west-southwest of Tallinn, was observed on clear, interpretable, stereo KH-7 KEYHOLE photography [redacted]

This report was prepared to portray changes and additions to the complex since it was last observed on KEYHOLE photography of comparable scale, [redacted] 1/ and to depict the current construction status of facilities within the complex.

Subsequent to April 1965 the Tallinn complex was observed on nonstereo KH-4 photography [redacted] 2/ and on stereo photography of September, 3/ with scattered clouds and cloud shadows limiting interpretation.

Significant changes and/or additions since April 1965 include: construction progress within each of the 6 revetted launch positions of the 5 launch sites; construction progress at the centrally located revetted probable control positions of Launch Sites A, B, and C; new building, revetment, and apron construction in the Possible Missile-Handling Area and in the Support Area west of the complex main road; completion of the central position revetments and improvement of service roads within the Electronic Site.

The 5 launch sites are in varying construction stages. Sites A and B are in a more advanced stage, Site C is in a midstage, Site D in an early to midstage, and Site E is in a preliminary construction stage.

A V-shaped, rail-like pattern is visible within revetted Launch Positions A-2 and A-3 extending from the excavation at the probable launch point. This pattern, coupled with the white-toned reinforced area surrounding the ex-

cavations, creates a keyhole-shaped formation (Figure 4). Preparation is underway of areas surrounding the excavations at each of the launch

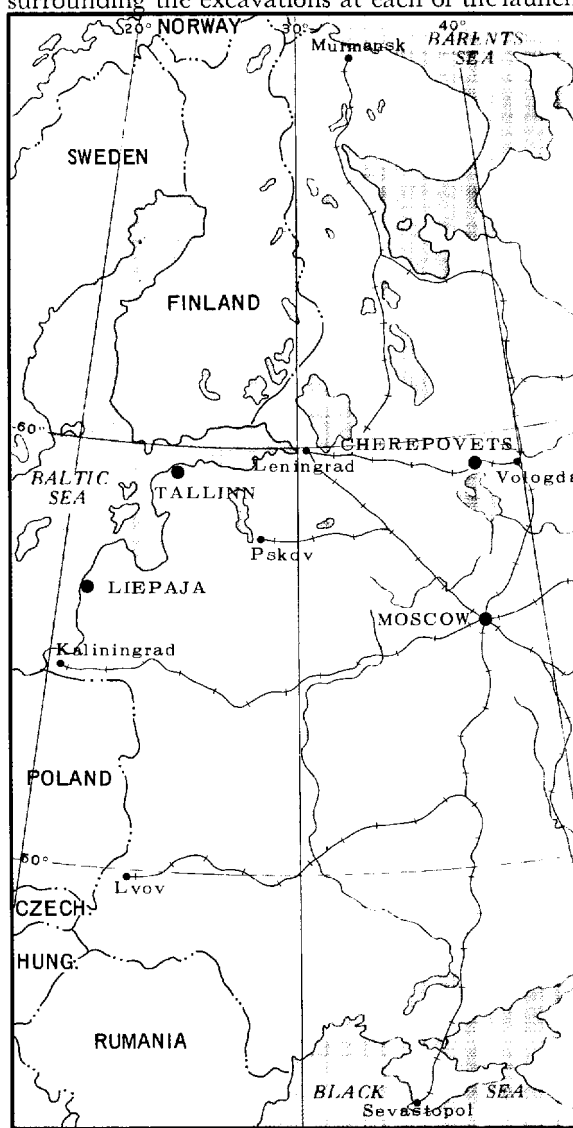


FIGURE 1. LOCATION OF TALLINN AMM/SAM LAUNCH COMPLEX.

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positions of Sites A, B, C, and D (Figures 4, 5, 6, 7). Some of these white-toned areas are smooth and appear concave, while others, apparently in an earlier construction stage, are relatively rough.

Application of dark-toned material to 4 of the positions of Launch Site A and to each position of Site B restricts observation of features within these positions and precludes determination of their relative construction status. There appears to be an area, or object/objects with height, within these positions but the presence of missile-related equipment cannot be confirmed.

At Launch Site D (Figure 7), in an earlier construction stage, a trough extends from the excavation toward the center of each revetted launch position. A large triangular excavation within Launch Position D-5 probably represents another phase of the early construction process.

An object situated adjacent to the excavation within each launch position of Site E (Figure 8) may be a liner for the excavation.

Peripheral ditching is newly observed inside the revetted launch positions of Sites A, B, and C.

Construction of the specially prepared 90-foot segment extending along the service road from the launch positions has progressed at Sites A, C, and D since April.

Surfacing of the service roads has begun at Launch Site C (Figure 6).

The revetments enclosing the centrally located probable control positions of Launch Sites A, B, and C have been completed since April. A [] structure was previously observed in a compartment within each of the 3 walls when they were in a midstage of construction, 1/ and apparently is now earth covered. No change has occurred at the central position of Site D since April and the central position is in an early stage at Site E.

Two structures are newly observed, 1 on each side of the entrance to the central revetted positions of Sites A, B, and C. One of these at each of the 3 sites is ramp served and is considered to be a Probable Radar Position (Figure 4). A new tower-like structure is located

outside, just southeast of these 3 revetted positions (Figure 5).

Cable scars are observed crossing the main service roads of Sites A and B, extending from the vicinity of the center position in the direction of individual launch positions.

Revetments enclosing the centrally located position at the Electronic Site (Figure 9) have been completed since August 1965 and roads serving the radar positions improved since April.

Considerable construction progress has occurred since April at the Possible Missile-Handling Area and in the Support Area west of the Launch Area main road. Certain of this construction was underway prior to August and further progress and activity is observed on the 1 October photography (Figure 10).

Construction of two 120- by 80-foot buildings, not present in April, has continued since August in the Possible Missile-Handling Area. Revetment walls in this area have been rearranged since April, apparently indicating a change of plans for location of these buildings. A revetment has been newly constructed along the northern side of the more northerly building, and another is possibly under construction along the eastern side of the 2 buildings. Vehicles are observed in motion along the western and eastern sides of the 2 buildings. The previously existing revetment along the western side is apparently being removed.

A 270- by 95-foot probable apron under construction west of the 2 large buildings and a 230- by 100-foot graded area located north of the Support Area were newly observed on photography of August 1965. 2/

A [] building and an adjacent apron under construction at the eastern edge of the Support Area and 2 smaller buildings within the area were also newly observed in August. Construction has progressed on 2 additional buildings in this area since April and they now outwardly appear completed.

Vehicles are observed throughout the complex. No missiles, missile-related, or radar equipment were observed within the complex.

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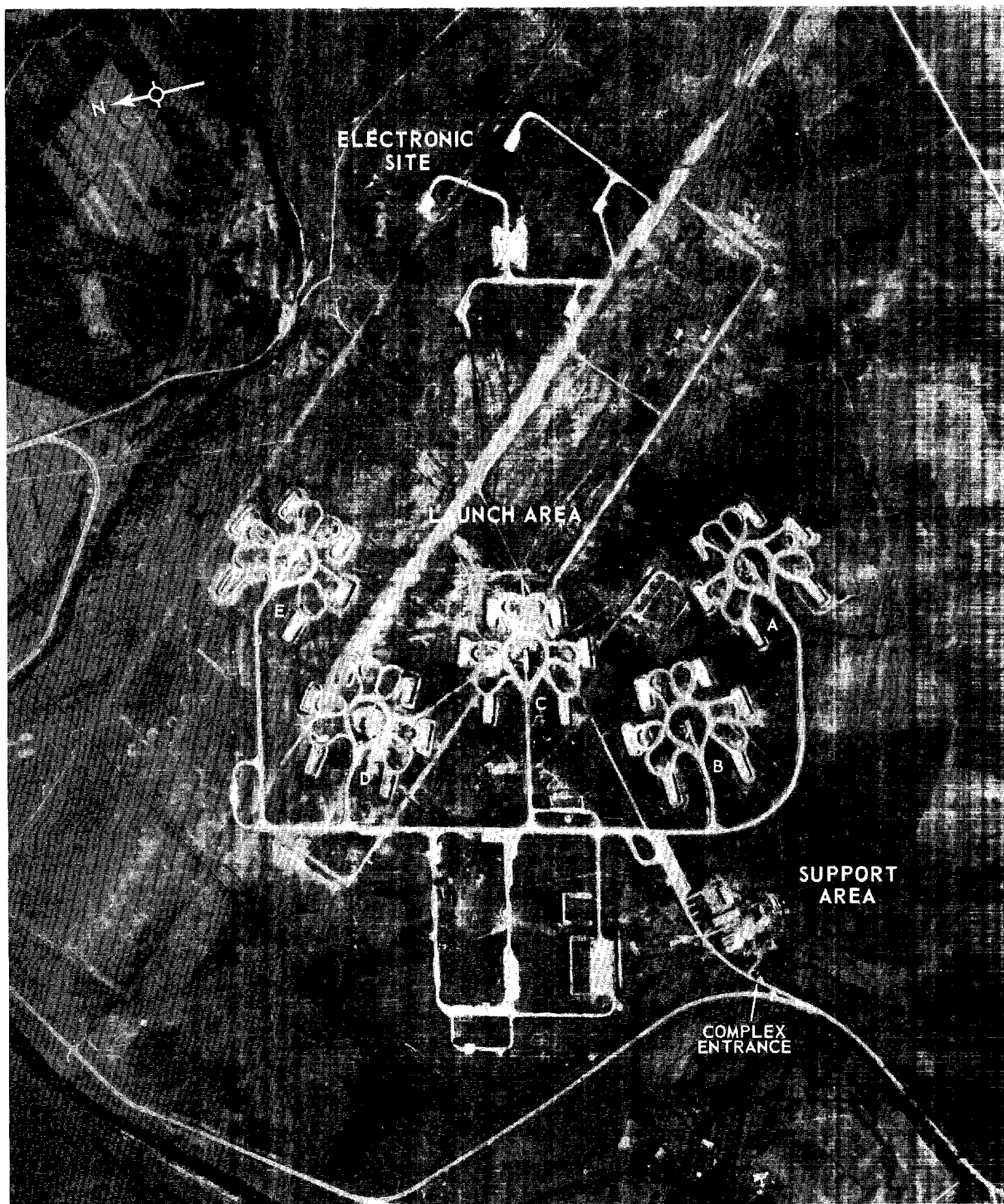


FIGURE 2. TALLINN AMM/SAM LAUNCH COMPLEX,

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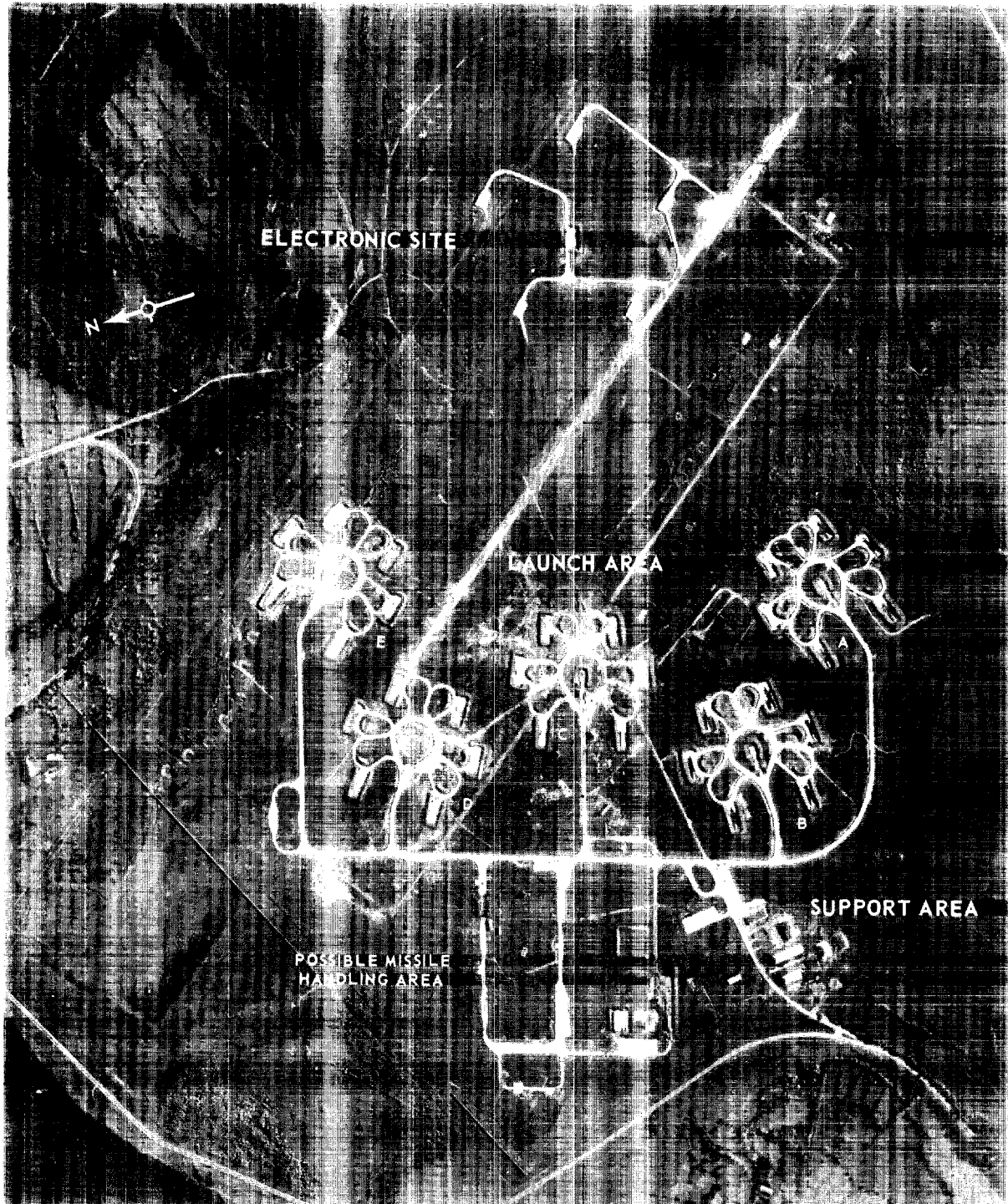


FIGURE 3. TALLINN SAM/SA LAUNCH COMPLEX, 1 OCTOBER 1968

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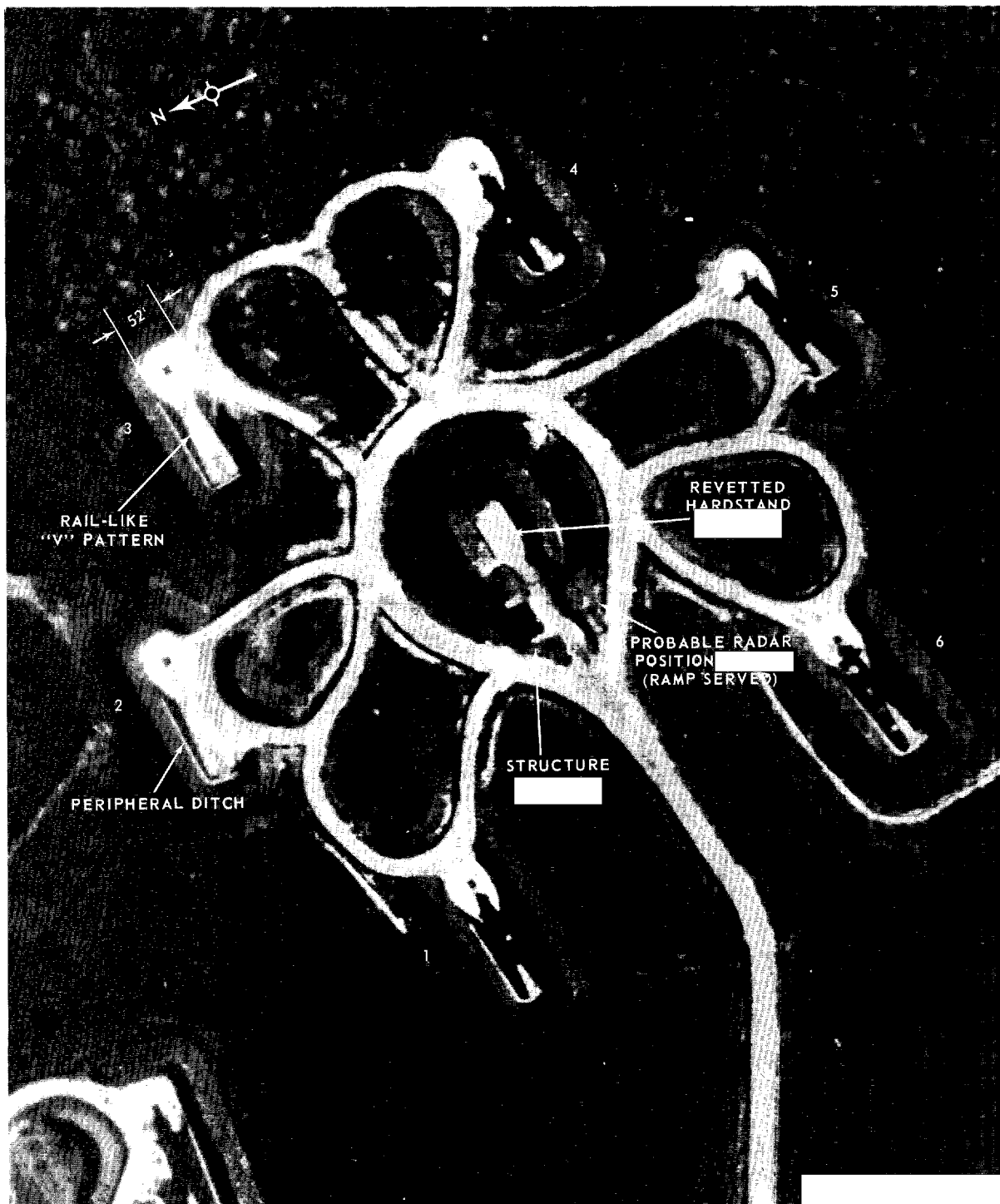


FIGURE 4. LAUNCH SITE A.

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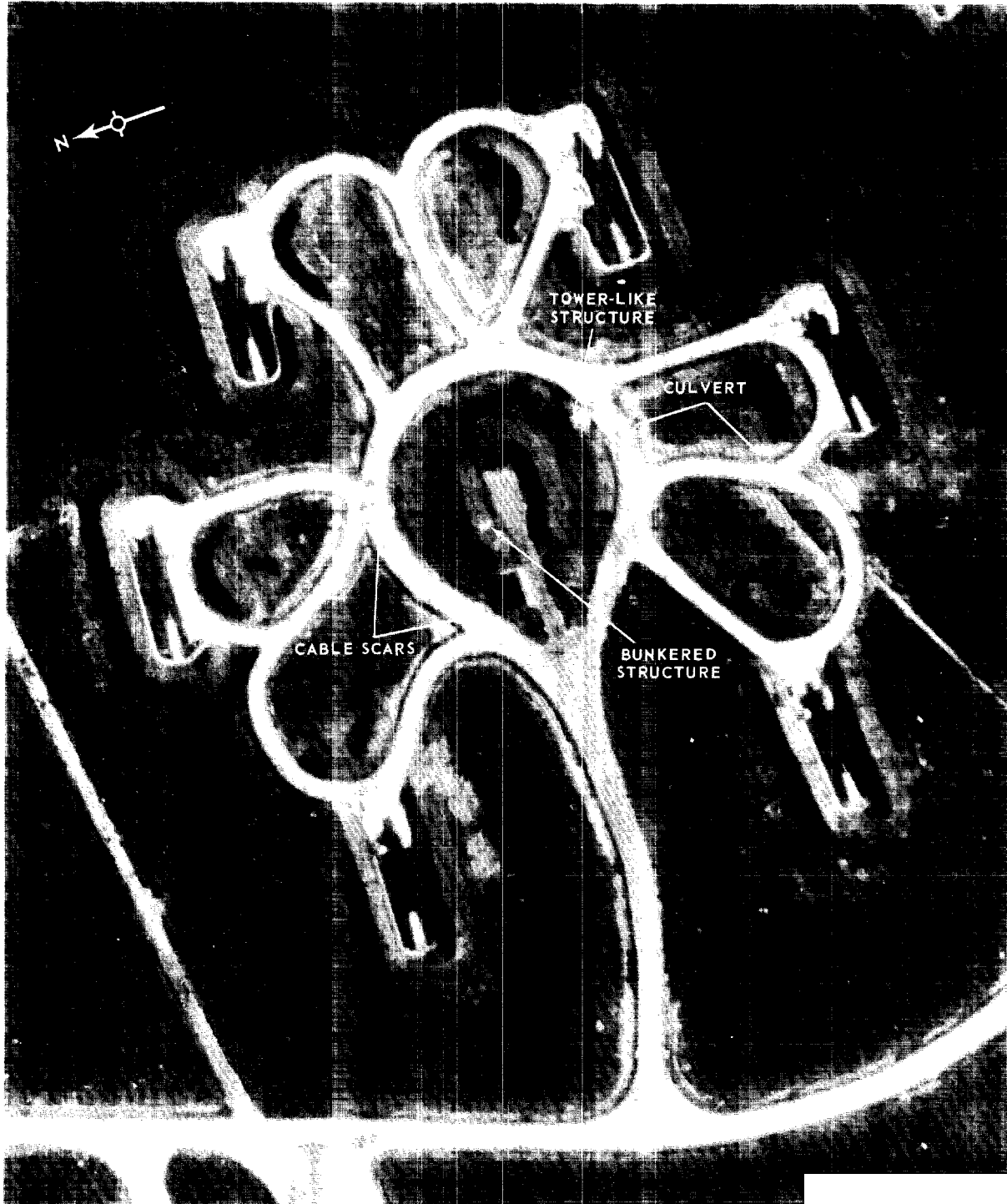


FIGURE 5. LAUNCH SITE B.

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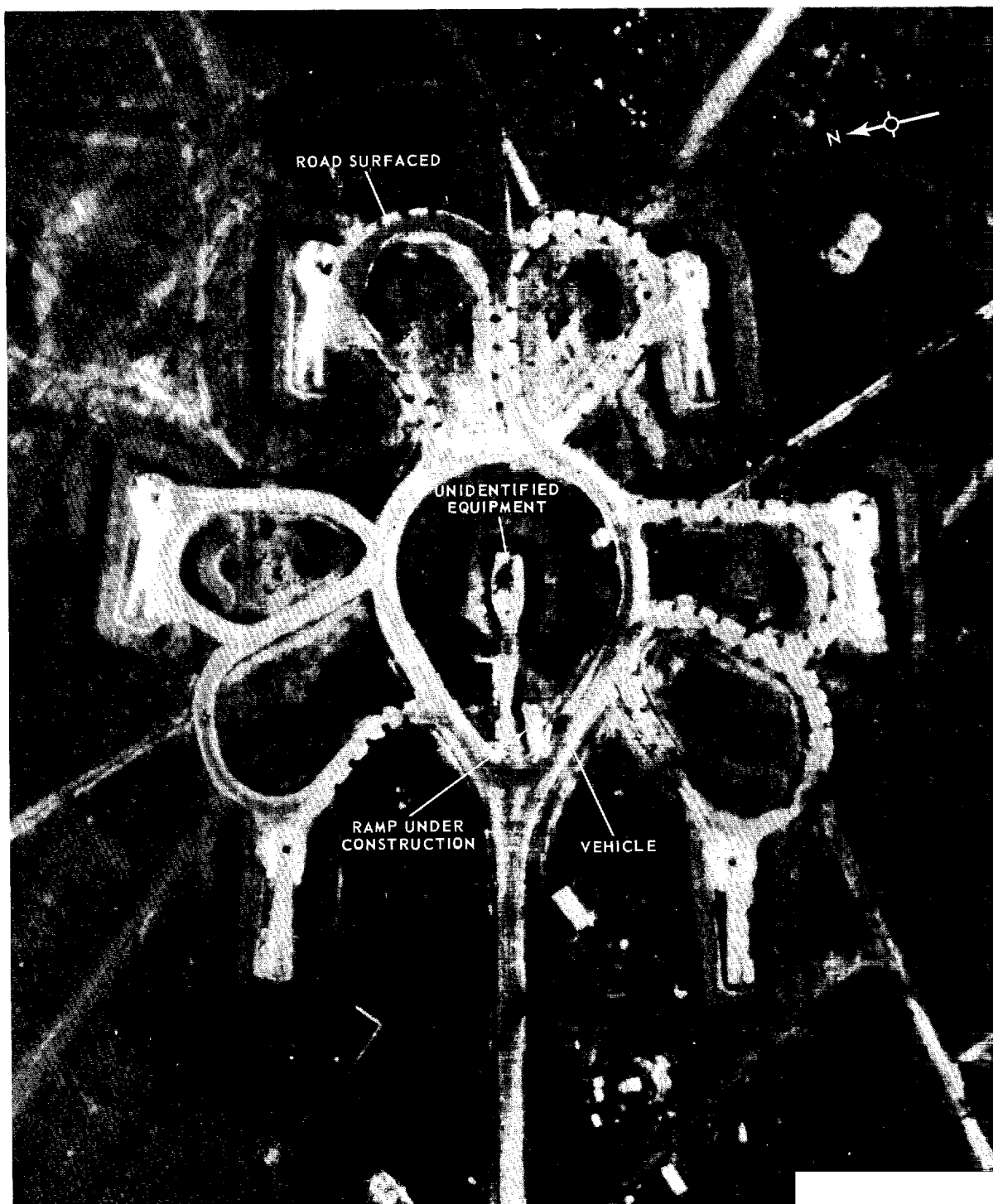


FIGURE 6. LAUNCH SITE C.

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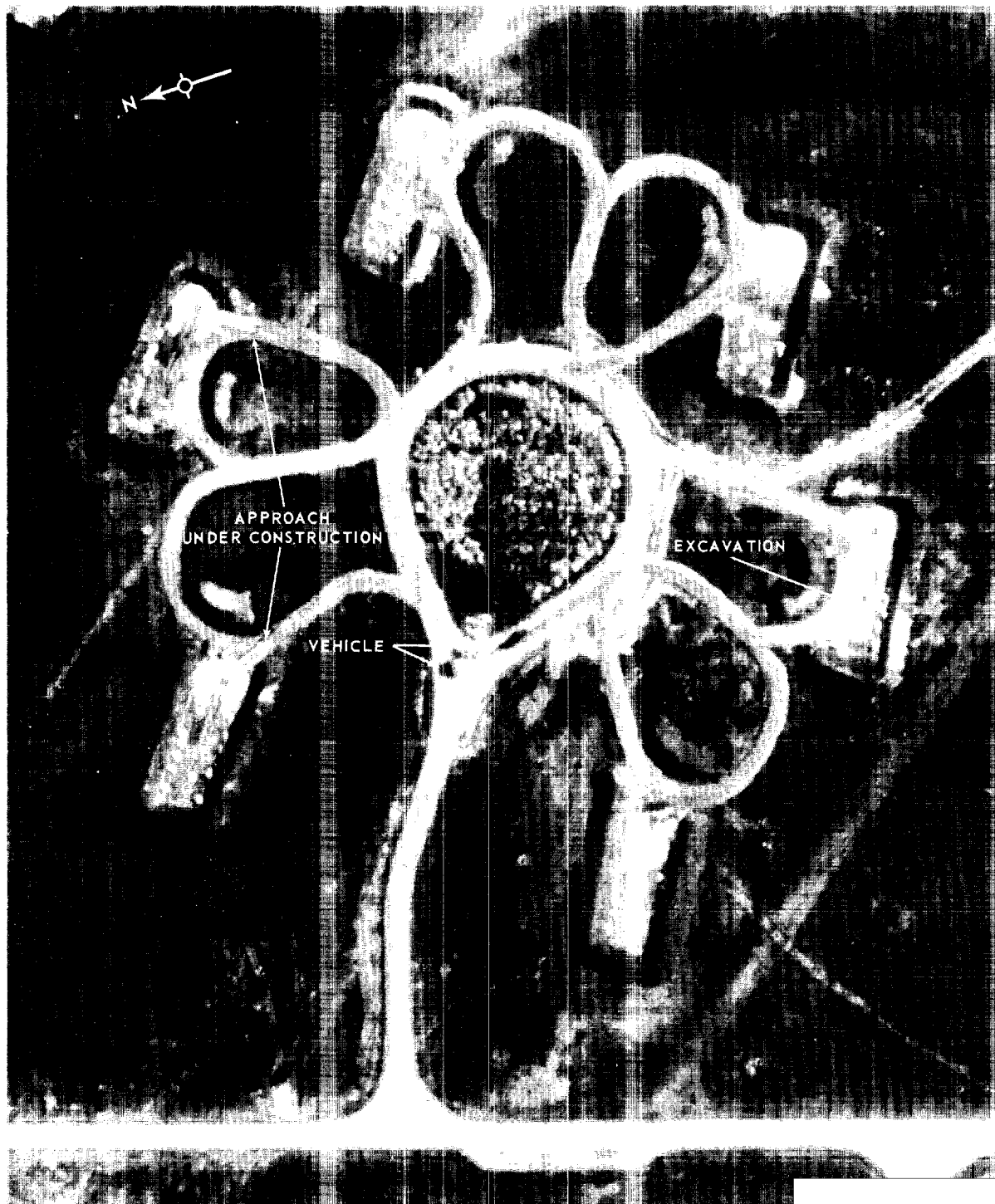


FIGURE 7. LAUNCH SITE D.

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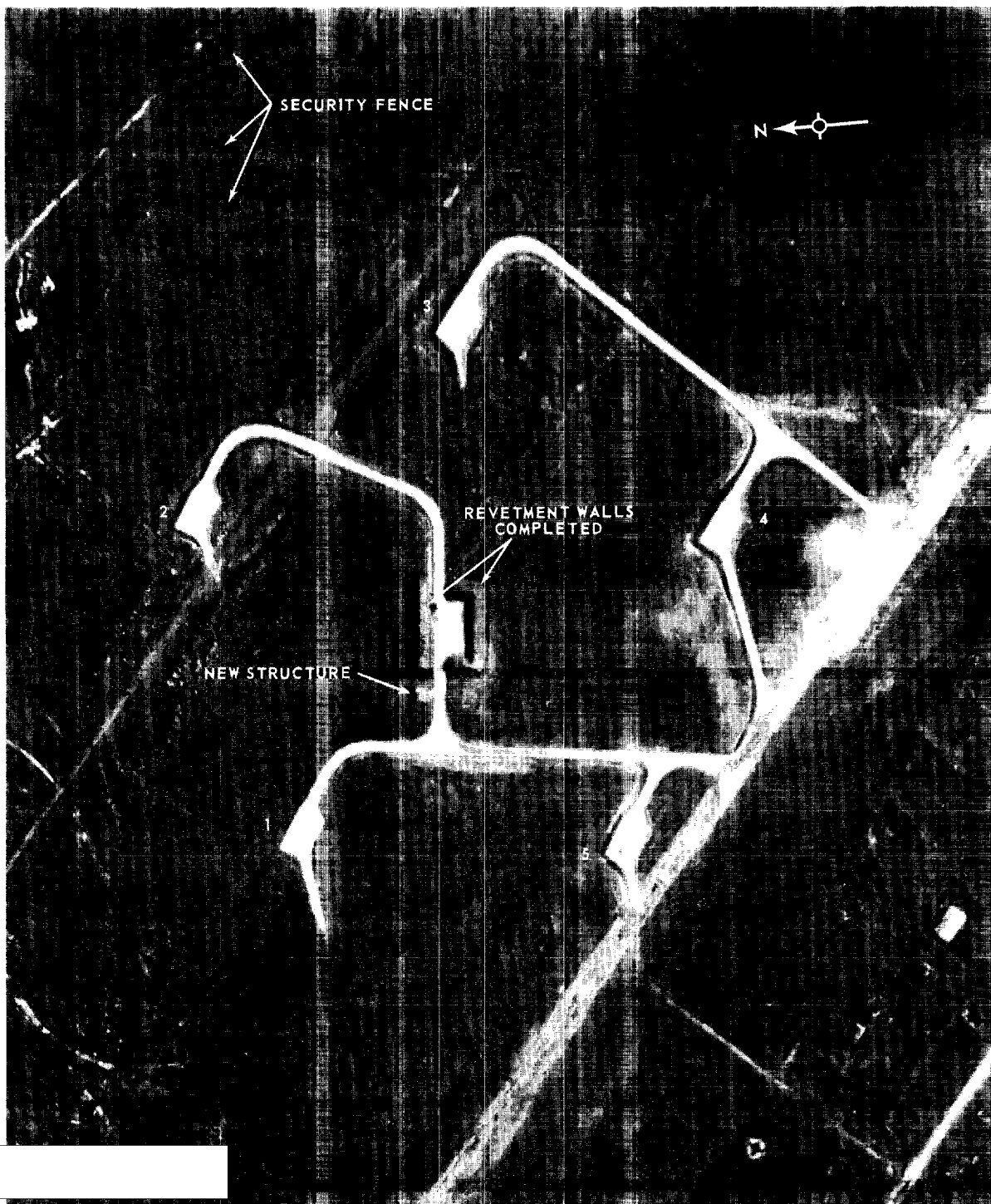
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FIGURE 8. LAUNCH SITE E.

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FIGURE 9. ELECTRONIC SITE.

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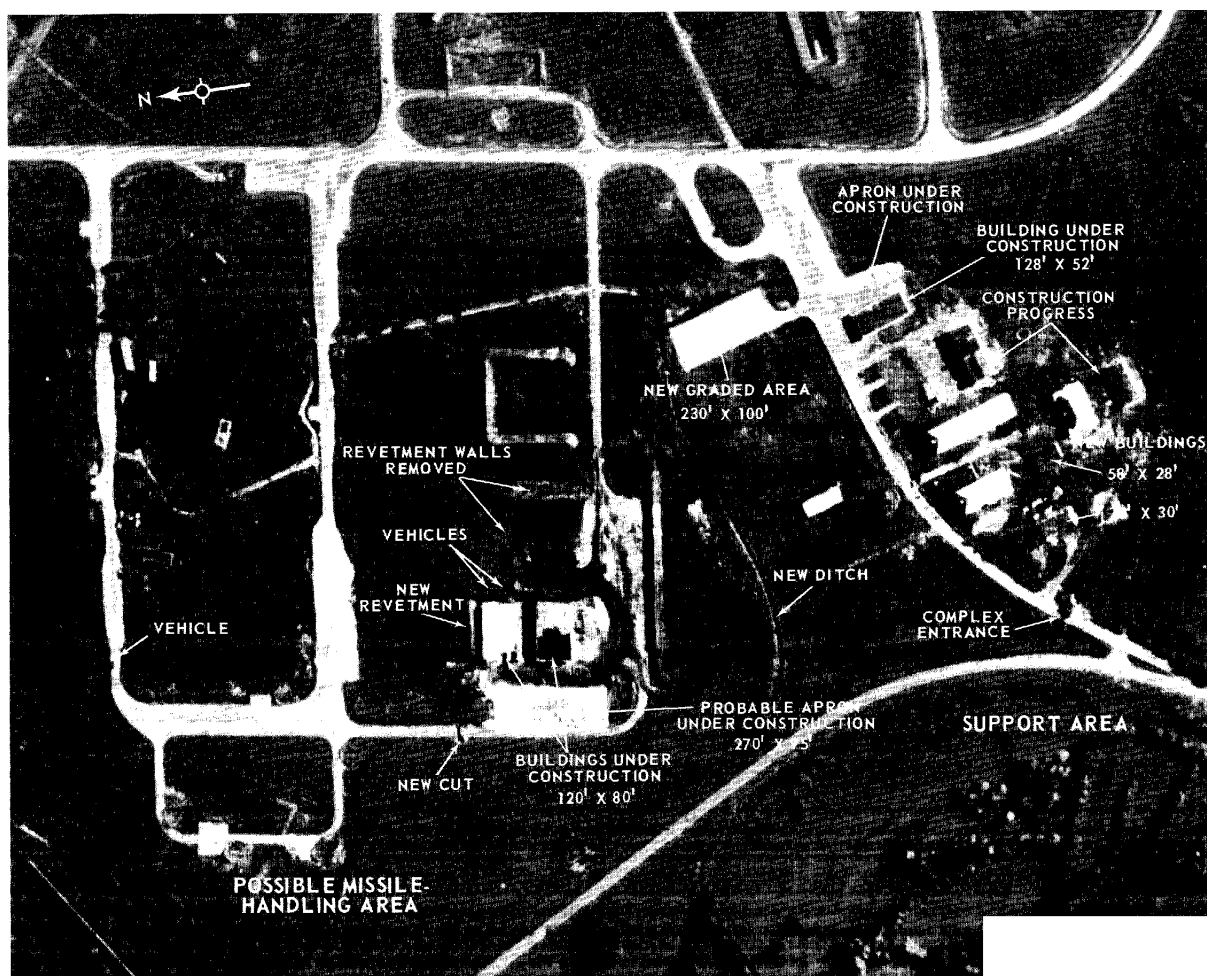


FIGURE 10. SUPPORT AND POSSIBLE MISSILE HANDLING AREAS U/C.

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REFERENCES

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MAPS OR CHARTS

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DOCUMENTS

1. NPIC. [redacted] *Tallinn AMM/SAM Launch Complex, USSR, Changes and Additions, April 1965, Aug 65*
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2. NPIC. [redacted] *Tallinn AMM/SAM Launch Complex, USSR, Changes and Additions, August 1965, Sep 65*
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3. NPIC. [redacted] *OAK, Mission 1024-1, 23-27 September 1965, Part 1, Oct 65* (TOP SECRET CHESS RUFF)

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NPIC PROJECT

11006/66 (partial answer)

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